

ET BLACK MODULE

Polycrystalline

ET-P660250B	250W
ET-P660245B	245W
ET-P660240B	240W
ET-P660235B	235W
ET-P660230B	230W
ET-P660225B	225W



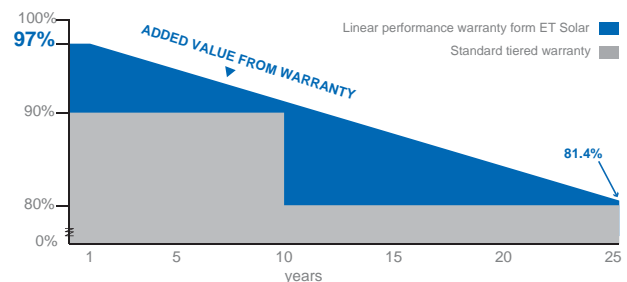
** The standard black polycrystalline modules are made with white backsheet and black frame. Upon request, they can be also made with black backsheet and black frames outside California.*

Features

- Aesthetically appealing for residential and commercial systems with black frame
- High module conversion efficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Certified to withstand high wind loads and snow loads
- Oversized 50mm anodized aluminum frame provides enhanced corrosion resistance and structural integrity
- Anti-reflective highly transparent, low iron tempered glass
- Excellent performance under low light environment

Benefits

- 25year linear performance warranty; 10-year warranty on materials and workmanship
- Product liability insurance
- Local technical support
- Local warehousing
- 48 hour-response service
- Enhanced design for easy installation and long term reliability



IEC 61215 Ed.2
IEC 61730



CONFORMS TO ANSI/UL STD 1703
CERTIFIED TO UL/C/CSA STD ORDC-1703



Towards Excellence

M/ET-SPS-EN-US2011V2-F

www.etsolar.com

ELECTRICAL SPECIFICATIONS



Model Type	ET-P660250B	ET-P660245B	ET-P660240B	ET-P660235B	ET-P660230B	ET-P660225B
Peak Power (Pmax)	250W	245W	240W	235W	230W	225W
Module Efficiency	15.37%	15.06%	14.75%	14.44%	14.14%	13.83%
Maximum Power Voltage (Vmp)	30.71V	30.43V	30.23V	29.40V	29.40V	29.00V
Maximum Power Current (Imp)	8.14A	8.05A	7.94A	7.99A	7.82A	7.75A
Open Circuit Voltage (Voc)	37.44V	37.20V	37.00V	36.50V	36.50V	36.30V
Short Circuit Current (Isc)	8.80A	8.76A	8.64A	8.30A	8.30A	8.10A
Power Tolerance	±3%	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	DC 600V					
Normal Operating Cell Temperature	46.6°C					
Series Fuse Rating (A)	15A					
Number of Bypass Diode	3					

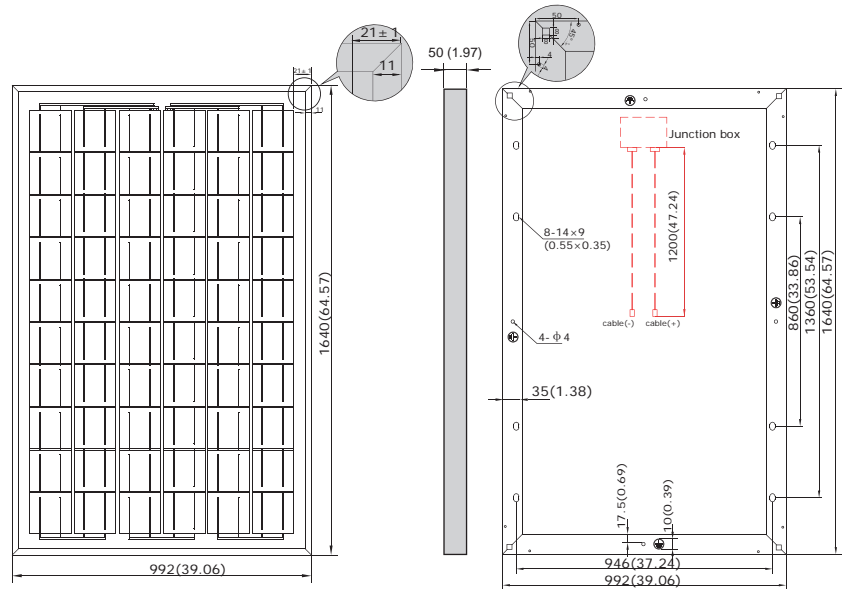
MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	60 cells in series
Weight	20.21kg (44.54 lbs)
Dimensions	1640×992×50 mm (64.57×39.06×1.97 inch)
Max Load	2400Pascals (45 lb/ft ²)

TEMPERATURE COEFFICIENT

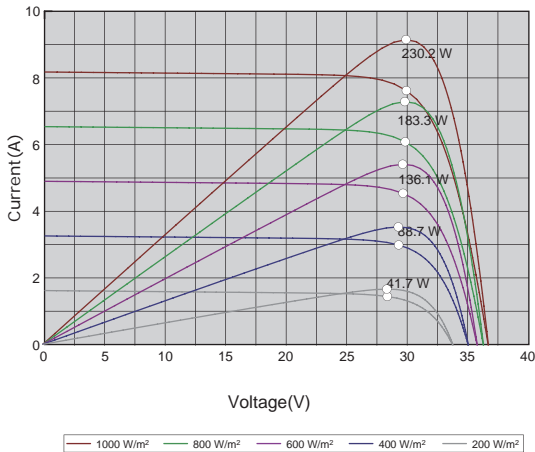
Temp. Coeff. of Isc (TK Isc)	0.023 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.308 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.459 %/°C

PHYSICAL CHARACTERISTICS Unit:mm (inch)

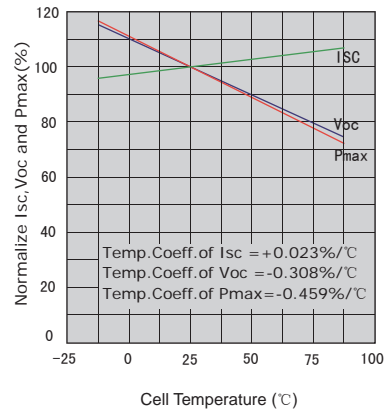


ELECTRICAL CHARACTERISTICS

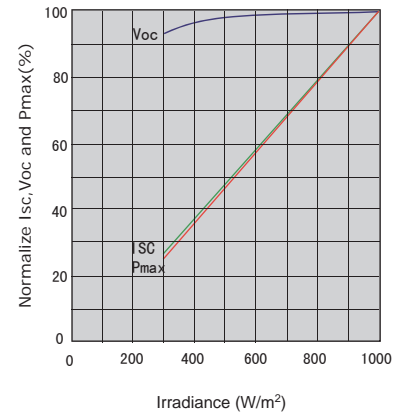
Electrical performance
(cell temperature: 25°C)



Temperature dependence of Isc,
Voc and Pmax



Irradiance dependence of Isc,
Voc and Pmax (cell temperature: 25°C)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25 °C. The NOCT is obtained under the Test Conditions : 800 W/m², 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact support@etsolar.com for technical support. The parameters are for reference only, and are subject to change without notice or obligation.